



# Air Force Research Laboratory|AFRL

*Science and Technology for Tomorrow's Air and Space Force*

## **Success Story**

### **DR. PAUL N. BARNES ELECTED TO THE INTERNATIONAL CRYOGENIC MATERIAL CONFERENCE BOARD**



Dr. Paul N. Barnes, of the AFRL Propulsion Directorate, was unanimously elected to serve on the International Cryogenic Materials Conference (ICMC) Board.



Air Force Research Laboratory  
Wright-Patterson AFB OH

### **Accomplishment**

Dr. Barnes will serve on the board for 6 years. The ICMC holds and sponsors international conferences for the interchange of scientific and technical information, publishes ICMC proceedings, encourages meritorious contributions to applied cryogenic materials science and engineering by means of awards and honors, and coordinates with other organizations to enhance technical education and development of future cryogenic materials researchers.

### **Background**

The ICMC is a 30-year-old organization that advances cryogenic materials development. These activities are important for supporting Air Force (AF) and Navy efforts in the area of high-temperature superconducting (HTS) wire research and development. Both the AF and the Navy will employ HTS wire for compact power generators and electric motor drives for directed energy weapons and ship propulsion systems.

Propulsion  
Awards and Recognition

### **Additional Information**

To receive more information about this or other activities in the Air Force Research Laboratory, contact TECH CONNECT, AFRL/XPTC, (800) 203-6451 and you will be directed to the appropriate laboratory expert. (05-PR-11)